

## NATURAL RESOURCES CONSERVATION SERVICE

**OPERATION AND MAINTENANCE GUIDE  
FOR YOUR  
MANURE TRANSFER PRACTICE**

OPERATOR: \_\_\_\_\_ DATE: \_\_\_\_\_

TAX MAP KEY OF PRACTICE LOCATION: \_\_\_\_\_

NRCS OFFICE: \_\_\_\_\_ PHONE: \_\_\_\_\_

A properly operated and maintained waste water application system is an asset to your farm. This manure transfer system is designed and installed to move wastes from the collection area or storage to your planting area. The estimated 10-year life of this installation can be assured and will be increased by developing and carrying out a good operation and maintenance program.

Here are recommendations to help you develop a good operation and maintenance program.

**OPERATION RECOMMENDATIONS**

- Avoid contact with waste water whenever possible.
- Do not exceed the capacity of the transfer equipment.
- Avoid spills along the transfer route.
- Transfer of waste should be done during dry weather.
- Agitate the waste water in the pond before removal. Waste water may be mixed by agitators or reverse pumping.
- The intake for a pump should be kept above the pond bottom. This may be done by attaching a flotation device near the end of the intake pipe.

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## **MAINTENANCE RECOMMENDATIONS**

- Maintain all pumps, agitators, piping, valves, electrical, and mechanical equipment in good operating condition following the manufactures recommendations.
- Maintain grounding rods and wiring of all electrical equipment in good working condition.
- Maintain all safety shields on pumps, motors, electrical or mechanical equipment.

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CONTACT YOUR LOCAL NATURAL RESOURCES CONSERVATION SERVICE OFFICE FOR  
ADDITIONAL TECHNICAL ASSISTANCE YOU MIGHT NEED FOR IMPLEMENTATION OF THIS  
OPERATION AND MAINTENANCE GUIDE.